Segment ID: 1210 **Water body name:** Lake Mexia

Reservoir | Brazos River Basin | Total size: 1,200 Acres

Aquatic Life Use

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Dissolved Oxygen grab average	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4	1	
Dissolved Oxygen grab average	Use Concern	Narrow center of reservoir around Washington Park	191	18	4	
Dissolved Oxygen grab average	Use Concern	Western end, from point where reservoir begins to widen, to upper end	563	10	2	
Dissolved Oxygen grab minimum	No Concern-Limited Data	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4	0	
Dissolved Oxygen grab minimum	Fully Supporting	Narrow center of reservoir around Washington Park	191	18	0	
Dissolved Oxygen grab minimum	Fully Supporting	Western end, from point where reservoir begins to widen, to upper end	563	10	1	
Dissolved Oxygen 24hr average	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	0		
Dissolved Oxygen 24hr average	No Concern-Limited Data	Narrow center of reservoir around Washington Park	191	4	0	
Dissolved Oxygen 24hr average	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	0		
Dissolved Oxygen 24hr minimum	No Concern-Limited Data	Narrow center of reservoir around Washington Park	191	4	0	
Dissolved Oxygen 24hr minimum	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	0		
Acute Organics in water	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	2	0	
Chronic Organics in water	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	2		
Overall Aquatic Life Use	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			

Segment ID: 1210 **Water body name:** Lake Mexia

Reservoir | Brazos River Basin | Total size: 1,200 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use (continued)						
Overall Aquatic Life Use	Fully Supporting	Narrow center of reservoir around Washington Park	191			
Overall Aquatic Life Use	Fully Supporting	Western end, from point where reservoir begins to widen, to upper end	563			
Contact Recreation Use						
E. coli single sample	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	0		
E. coli single sample	Not Assessed	Narrow center of reservoir around Washington Park	191	0		
E. coli single sample	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	0		
E. coli geometric mean	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	0		
E. coli geometric mean	Not Assessed	Narrow center of reservoir around Washington Park	191	0		
E. coli geometric mean	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	0		
Fecal coliform single sample	No Concern-Limited Data	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4	0	
Fecal coliform single sample	Fully Supporting	Narrow center of reservoir around Washington Park	191	16	1	
Fecal coliform single sample	No Concern-Limited Data	Western end, from point where reservoir begins to widen, to upper end	563	9	2	
Fecal coliform geometric mean	No Concern-Limited Data	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4		14.6
Fecal coliform geometric mean	Fully Supporting	Narrow center of reservoir around Washington Park	191	16		17
Fecal coliform geometric mean	No Concern-Limited Data	Western end, from point where reservoir begins to widen, to upper end	563	9		56.5
Overall Recreation Use	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			

Segment ID: 1210 **Water body name:** Lake Mexia

Reservoir | Brazos River Basin | Total size: 1,200 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)						
Overall Recreation Use	Fully Supporting	Narrow center of reservoir around Washington Park	191			
Overall Recreation Use	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563			
General Use						
Water Temperature	No Concern-Limited Data	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4	0	
Water Temperature	Fully Supporting	Narrow center of reservoir around Washington Park	191	18	0	
Water Temperature	Fully Supporting	Western end, from point where reservoir begins to widen, to upper end	563	10	0	
pH	No Concern-Limited Data	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4	0	
pH	Fully Supporting	Narrow center of reservoir around Washington Park	191	18	0	
pH	No Concern-Limited Data	Western end, from point where reservoir begins to widen, to upper end	563	9	0	
Chloride	Fully Supporting	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	29		10.8
Chloride	Fully Supporting	Narrow center of reservoir around Washington Park	191	29		10.8
Chloride	Fully Supporting	Western end, from point where reservoir begins to widen, to upper end	563	29		19.8
Sulfate	Fully Supporting	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	29		13.6
Sulfate	Fully Supporting	Narrow center of reservoir around Washington Park	191	29		13.6
Sulfate	Fully Supporting	Western end, from point where reservoir begins to widen, to upper end	563	29		13.6
Total Dissolved Solids	Fully Supporting	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	32		171.4

Segment ID: 1210 **Water body name:** Lake Mexia

Reservoir | Brazos River Basin | Total size: 1,200 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use (continued)						
Total Dissolved Solids	Fully Supporting	Narrow center of reservoir around Washington Park	191	32		171.4
Total Dissolved Solids	Fully Supporting	Western end, from point where reservoir begins to widen, to upper end	563	32		171.4
Overall General Use	Fully Supporting	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
Overall General Use	Fully Supporting	Narrow center of reservoir around Washington Park	191			
Overall General Use	Fully Supporting	Western end, from point where reservoir begins to widen, to upper end	563			
Fish Consumption Use						
Human Health Criteria Organics	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	2		
Overall Fish Consumption Use	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
Overall Fish Consumption Use	Not Assessed	Narrow center of reservoir around Washington Park	191			
Overall Fish Consumption Use	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563			
Public Water Supply Use						
Finished Water: Running Avg	Fully Supporting	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
Finished Water: Running Avg	Fully Supporting	Narrow center of reservoir around Washington Park	191			
Finished Water: Running Avg	Fully Supporting	Western end, from point where reservoir begins to widen, to upper end	563			
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4		0.1
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Narrow center of reservoir around Washington Park	191	16		0.12

Segment ID: 1210 **Water body name:** Lake Mexia

Reservoir | Brazos River Basin | Total size: 1,200 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Use (continued)						
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Western end, from point where reservoir begins to widen, to upper end	563	8		0.18
Surface Water: Long-term average Organics	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	2		
Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Narrow center of reservoir around Washington Park	191	16	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Western end, from point where reservoir begins to widen, to upper end	563	8	0	
Surface Water: Running average Organics	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	2	0	
Overall Public Water Supply Use	Fully Supporting	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
Overall Public Water Supply Use	Fully Supporting	Narrow center of reservoir around Washington Park	191			
Overall Public Water Supply Use	Fully Supporting	Western end, from point where reservoir begins to widen, to upper end	563			
Overall Use Support						
	Fully Supporting	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
	Fully Supporting	Narrow center of reservoir around Washington Park	191			
	Fully Supporting	Western end, from point where reservoir begins to widen, to upper end	563			
Nutrient Enrichment Concern						
Ammonia Nitrogen	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	2	1	
Ammonia Nitrogen	No Concern	Narrow center of reservoir around Washington Park	191	16	2	

Segment ID: 1210 **Water body name:** Lake Mexia

Reservoir | Brazos River Basin | Total size: 1,200 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enrichment Concern (continued)						
Ammonia Nitrogen	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	0		
Nitrite + Nitrate Nitrogen	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4	0	
Nitrite + Nitrate Nitrogen	No Concern	Narrow center of reservoir around Washington Park	191	16	2	
Nitrite + Nitrate Nitrogen	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	8	1	
Orthophosphorus	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4	1	
Orthophosphorus	No Concern	Narrow center of reservoir around Washington Park	191	16	4	
Orthophosphorus	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	8	4	
Total Phosphorus	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	2	1	
Total Phosphorus	Concern	Narrow center of reservoir around Washington Park	191	16	12	
Total Phosphorus	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	0		
Overall Nutrient Enrichment Concerns	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
Overall Nutrient Enrichment Concerns	Concern	Narrow center of reservoir around Washington Park	191			
Overall Nutrient Enrichment Concerns	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563			
Algal Growth Concern						
Chlorophyll a	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	2	0	
Chlorophyll a	No Concern	Narrow center of reservoir around Washington Park	191	16	4	

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Reservoir | Brazos River Basin | Total size: 1,200 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Algal Growth Concern (continued)						
Chlorophyll a	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	0		
Sediment Contaminants Concern						
Overall Sediment Contaminant Concerns	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
Overall Sediment Contaminant Concerns	Not Assessed	Narrow center of reservoir around Washington Park	191			
Overall Sediment Contaminant Concerns	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Narrow center of reservoir around Washington Park	191			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563			
Public Water Supply Concern						
Finished Water: Chloride	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
Finished Water: Chloride	No Concern	Narrow center of reservoir around Washington Park	191			
Finished Water: Chloride	No Concern	Western end, from point where reservoir begins to widen, to upper end	563			
Finished Water: Sulfate	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
Finished Water: Sulfate	No Concern	Narrow center of reservoir around Washington Park	191			
Finished Water: Sulfate	No Concern	Western end, from point where reservoir begins to widen, to upper end	563			

Segment ID: 1210 **Water body name:** Lake Mexia

Reservoir | Brazos River Basin | Total size: 1,200 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Finished Water: Total Dissolved Solids	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
Finished Water: Total Dissolved Solids	No Concern	Narrow center of reservoir around Washington Park	191			
Finished Water: Total Dissolved Solids	No Concern	Western end, from point where reservoir begins to widen, to upper end	563			
Finished Water: MTBE	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
Finished Water: MTBE	No Concern	Narrow center of reservoir around Washington Park	191			
Finished Water: MTBE	No Concern	Western end, from point where reservoir begins to widen, to upper end	563			
Finished Water: Perchlorate	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
Finished Water: Perchlorate	Not Assessed	Narrow center of reservoir around Washington Park	191			
Finished Water: Perchlorate	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563			
Finished Water: Overall	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
Finished Water: Overall	No Concern	Narrow center of reservoir around Washington Park	191			
Finished Water: Overall	No Concern	Western end, from point where reservoir begins to widen, to upper end	563			
Surface Water: Chloride	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	29		10.8
Surface Water: Chloride	No Concern	Narrow center of reservoir around Washington Park	191	29		10.8
Surface Water: Chloride	No Concern	Western end, from point where reservoir begins to widen, to upper end	563	29		10.8
Surface Water: Sulfate	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	29		13.6

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Reservoir | Brazos River Basin | Total size: 1,200 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Surface Water: Sulfate	No Concern	Narrow center of reservoir around Washington Park	191	29		13.6
Surface Water: Sulfate	No Concern	Western end, from point where reservoir begins to widen, to upper end	563	29		13.6
Surface Water: Total Dissolved Solids	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	32		171.4
Surface Water: Total Dissolved Solids	No Concern	Narrow center of reservoir around Washington Park	191	32		171.4
Surface Water: Total Dissolved Solids	No Concern	Western end, from point where reservoir begins to widen, to upper end	563	32		171.4
Surface Water: Overall	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
Surface Water: Overall	No Concern	Narrow center of reservoir around Washington Park	191			
Surface Water: Overall	No Concern	Western end, from point where reservoir begins to widen, to upper end	563			
Overall Public Water Supply Concerns	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
Overall Public Water Supply Concerns	No Concern	Narrow center of reservoir around Washington Park	191			
Overall Public Water Supply Concerns	No Concern	Western end, from point where reservoir begins to widen, to upper end	563			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
Overall Narrative Criteria Concerns	No Concern	Narrow center of reservoir around Washington Park	191			
Overall Narrative Criteria Concerns	No Concern	Western end, from point where reservoir begins to widen, to upper end	563			

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Reservoir | Brazos River Basin | Total size: 1,200 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Overall Secondary Concern						
	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
	Concern	Narrow center of reservoir around Washington Park	191			
	No Concern	Western end, from point where reservoir begins to widen, to upper end	563			